

NEW COMBINATIONS IN THE GENUS MONTANOA (ASTERACEAE)

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In the preparation of a treatment of Montanoa for Mexico, I have utilized the very excellent account of this exceedingly difficult genus by Funk (1982). I have accepted all of her taxa as bonified, but would recognize 1 of her 4 subspecific categories within the M. tomentosa complex (M. rosei Rob. & Greenm.) as a distinct species; I treat the remaining 3 as varietyally distinct. Her 2 subspecies of M. leucantha are also reduced to varietal rank. I use the category variety in much the same sense as Cronquist (1980) and yet other workers: morphological taxa that intergrade over short distances along regions of contact. I reserve the term subspecies for clustering purposes, or for the indication of unusual subspecific divergence; thus a subspecies may house but a single, unusually distinct variety, or a group of closely related varieties. Among the M. tomentosa complex of Mexico then, I would erect the following nomenclature:

MONTANOA TOMENTOSA La Llave & Lex.

M. TOMENTOSA var. XANTHIFOLIA (Sch.-Bip. in K. Koch) B. Turner, comb. nov.

Based upon M. xanthifolia Schultz Bip. in K. Koch, Wochenschr. Vereines Beford. Gartenbaues Konigl. Preuss. Staaten 7:406.1864.

M. TOMENTOSA var. MICROCEPHALA (Sch.-Bip. in K. Koch) B. Turner, comb. nov.

Based upon M. microcephala. Schultz Bip. in K. Koch, Wochenschr. Vereines Beford. Gartenbaues Konigl. Preuss. Staaten 7:406.1864.

MONTANOA LEUCANTHA var. ARBORESCENS (DC.) B. Turner, comb. nov.

Based upon Montanoa arborescens DC., Prod. 5:566.1836.

I am grateful for the fine treatment of Montanoa rendered by Vicki Funk and for her advance perusal of this nomenclatural presentation.

LITERATURE CITED

- Cronquist, A. 1980. Vascular Flora of the Southeastern United States 1: Asteraceae. Univ. of North Carolina Press.
- Funk, V. A. 1982. The systematics of Montanoa (Asteraceae, Heliantheae). Mem. N.Y. Bot. Gard. 36: 1-133.